

9

8

7

HEADER WITH LEFT HOLD DOWN (FIGURE 1)				
PART NUMBER	NUMBER OF POWER MODULES	"DIM A"	PLATING OPTION	LEFT HOLD DOWN MODULE LOCATION 
78347-100*	1X	15.00	TIN	REFER TO SHEET 2 FOR DETAILS
78347-10**	2X	26.40		

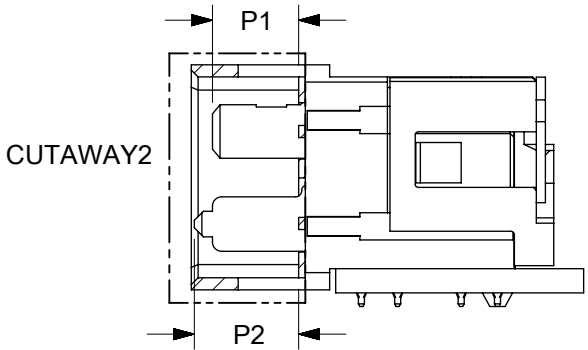
HEADER WITH RIGHT HOLD DOWN (FIGURE 2)				
PART NUMBER	NUMBER OF POWER MODULES	"DIM A"	PLATING OPTION	RIGHT HOLD DOWN MODULE LOCATION
78347-200*	1X	15.00	TIN	REFER TO SHEET 2 FOR DETAILS
78347-20**	2X	26.40		


FIGURE 3: BLADE P1 AND P2 LOCATION

NOTES:

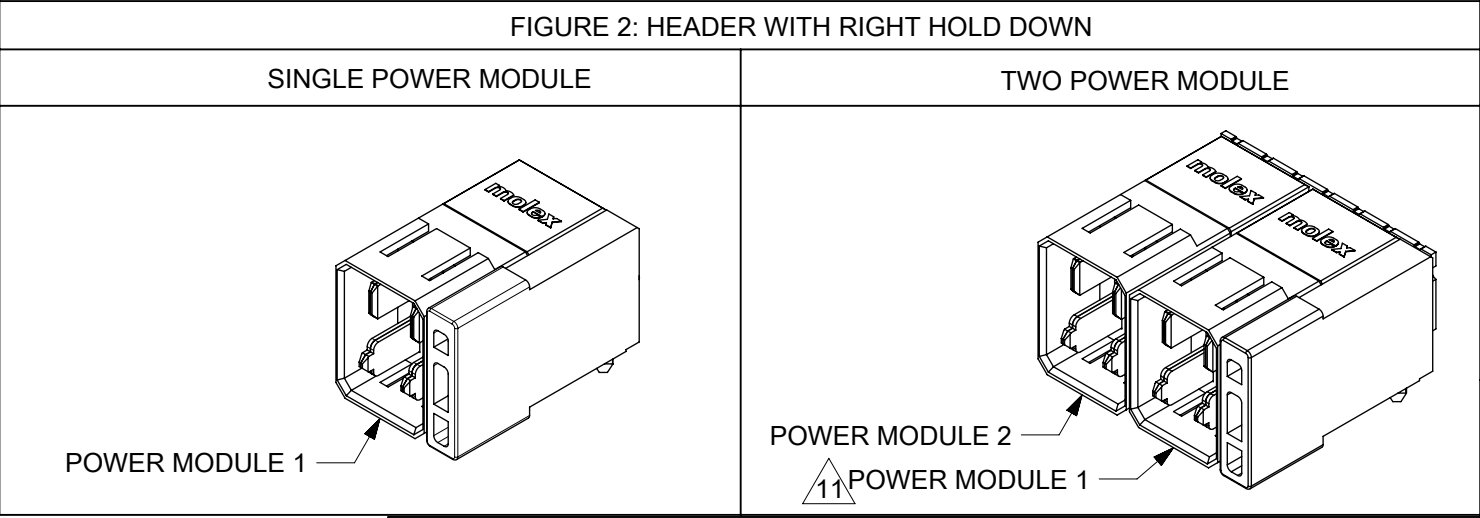
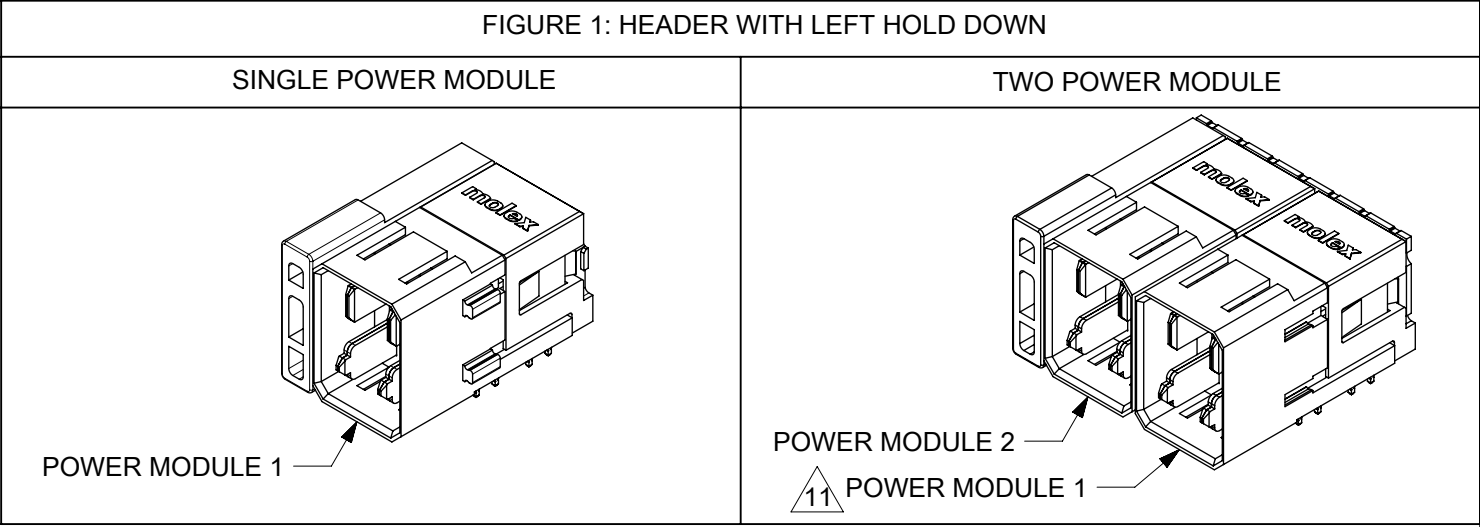
- MATERIALS:
HOUSING - LCP, GLASS FILLED, UL 94-V0, BLACK.
POWER PIN - COPPER ALLOY.
- FINISHES:
0.76µm MINIMUM GOLD AT CONTACT AREA AND
2.54µm MINIMUM TIN AT SOLDERTAIL AREA OVER
1.27µm MINIMUM NICKEL UNDERPLATE.
- PRODUCT SPECIFICATION: PS-78213-001.
- PACKAGING SPECIFICATION:
PK-78347-001 (1X MODULE WITH HOLD DOWN MODULE)
PK-78347-002 (2X MODULE WITH HOLD DOWN MODULE)
-  REFER TO MOLEX PRODUCT SPECIFICATION PS-78213-001 FOR PLATED THROUGH-HOLE SPECIFICATIONS AND TORQUE FORCE.
- MATES WITH 78212-**** or 78348-****.
-  PART NUMBER AND YEAR-DAY CODE CAN BE AT THE OPPOSITE SIDE.
-  ADD 11.40mm FOR EACH ADDITIONAL POWER MODULE.
-  THE DETAILS FOR LEFT & RIGHT HOLD DOWN OPTION ARE SHOWN IN SHEET 2, 3 AND SHEET 4 RESPECTIVELY.
- CONNECTORS ARE PACKED IN A TRAY.
-  FIRST POWER MODULE (#1) STARTS FROM THE RIGHT.
- REFER TO SD-78211-002 FOR DETAILS OF THE POWER MODULE .
-  ALL PARTS ARE SHIPPED WITH A 2-32 TYPE AB SELF-TAPPING SCREW PART NUMBER 73726-0000.
-  COMPONENT STAY AWAY ZONE FROM CONNECTOR.

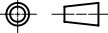
DOCUMENT STATUS	P1	RELEASE DATE	2019/03/13	10:32:46
-----------------	----	--------------	------------	----------

PLATING OPTION	HOLD DOWN MODULE LOCATION	*
TIN	LEFT	1
	RIGHT	2

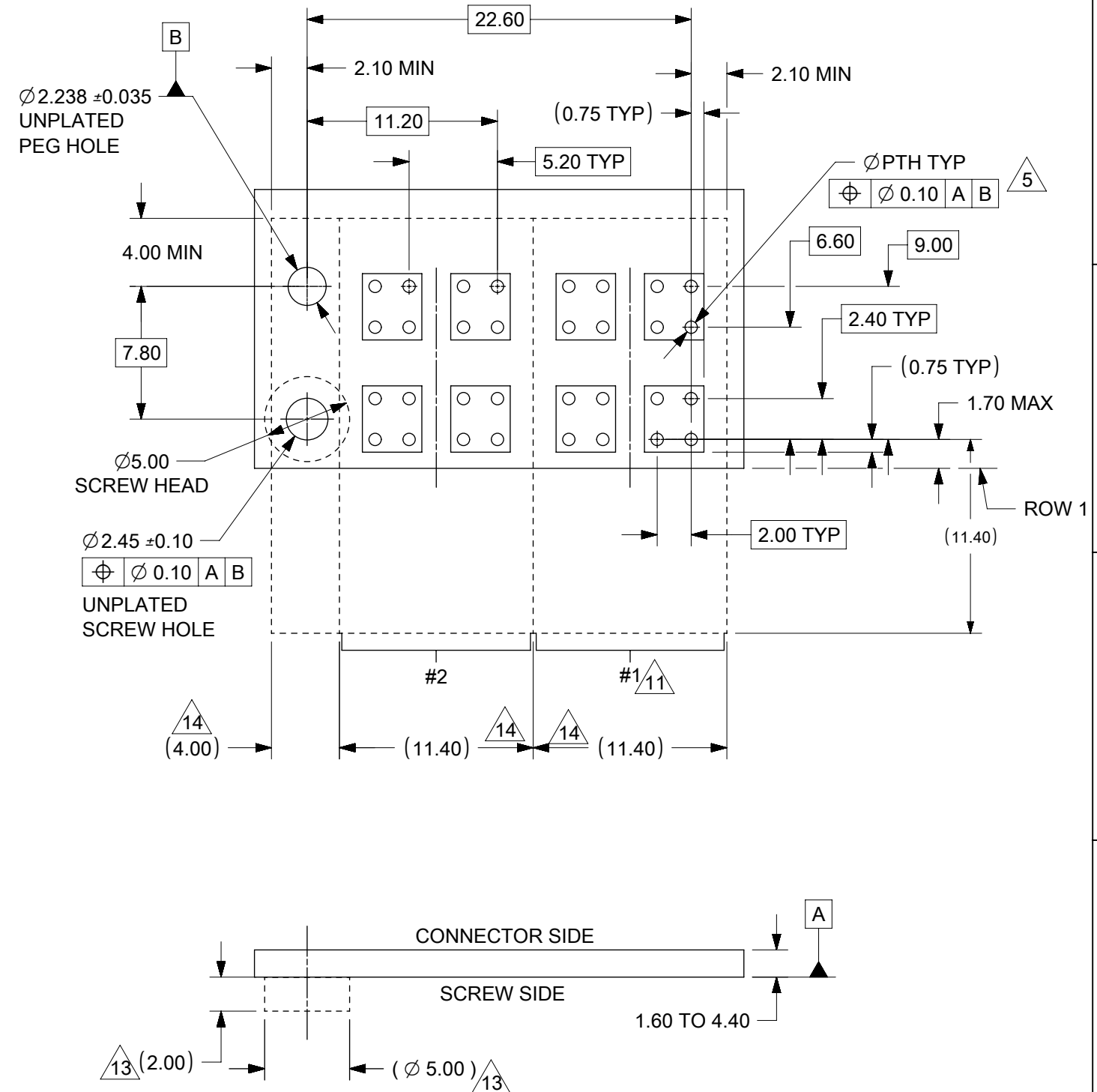
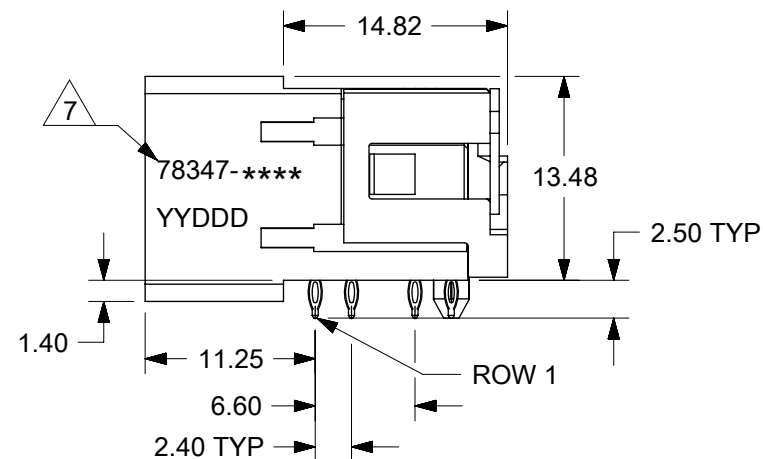
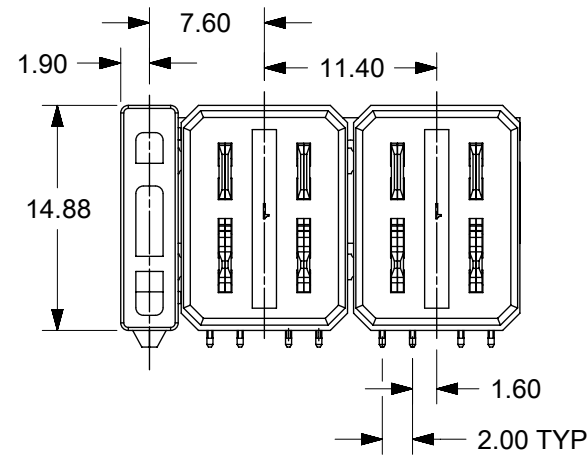
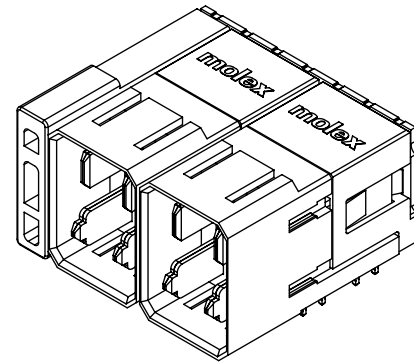
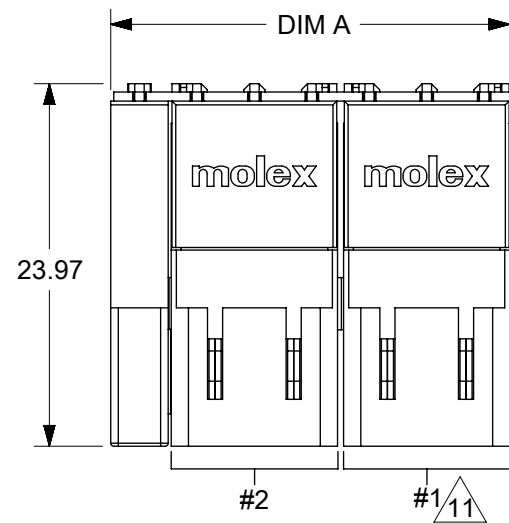
POWER MODULE 2		
*	BLADE LENGTH	
	P1	P2
0	MODULE NOT PRESENT	
1	6.90	6.90
2	5.70	5.70
3	6.90	5.70
4	5.70	6.90

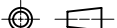
POWER MODULE 1		
*	BLADE LENGTH	
	P1	P2
1	6.90	6.90
2	5.70	5.70
3	6.90	5.70
4	5.70	6.90



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX							
mm		NTS		molex							
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		±		3.0 °		IMPACT POWER, 3 PAIR R/A HEADER W/HOLD DOWN PRESS-FIT					
4 PLACES		±		EC NO: 612508		PRODUCT CUSTOMER DRAWING					
3 PLACES		±		DRWN: PSHANKARACHA 2019/01/17 CHK'D: ABN 2019/03/12							
2 PLACES		±		APPR: CWANG25 2019/03/13							
1 PLACE		±		0.25		DOCUMENT NUMBER					
0 PLACES		±		INITIAL REVISION:		DOC TYPE		DOC PART		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		SD-78347-001		B8	
								PSD		001	
								A3-SIZE		78347	
				A3-SIZE		78347		MATERIAL NUMBER		SHEET NUMBER	
								SEE TABLE		1 OF 5	
								CUSTOMER		GENERAL MARKET	

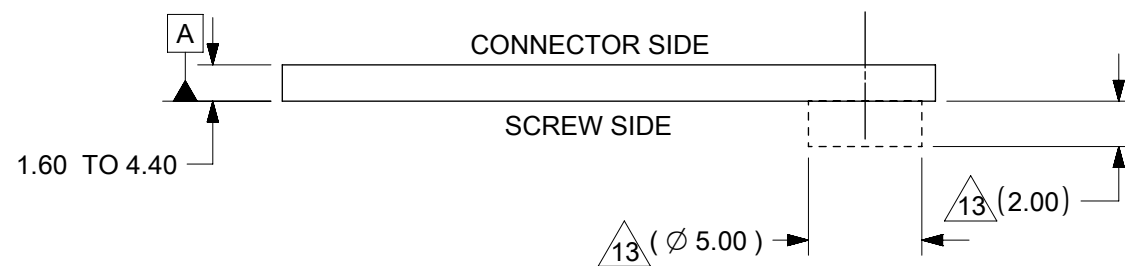
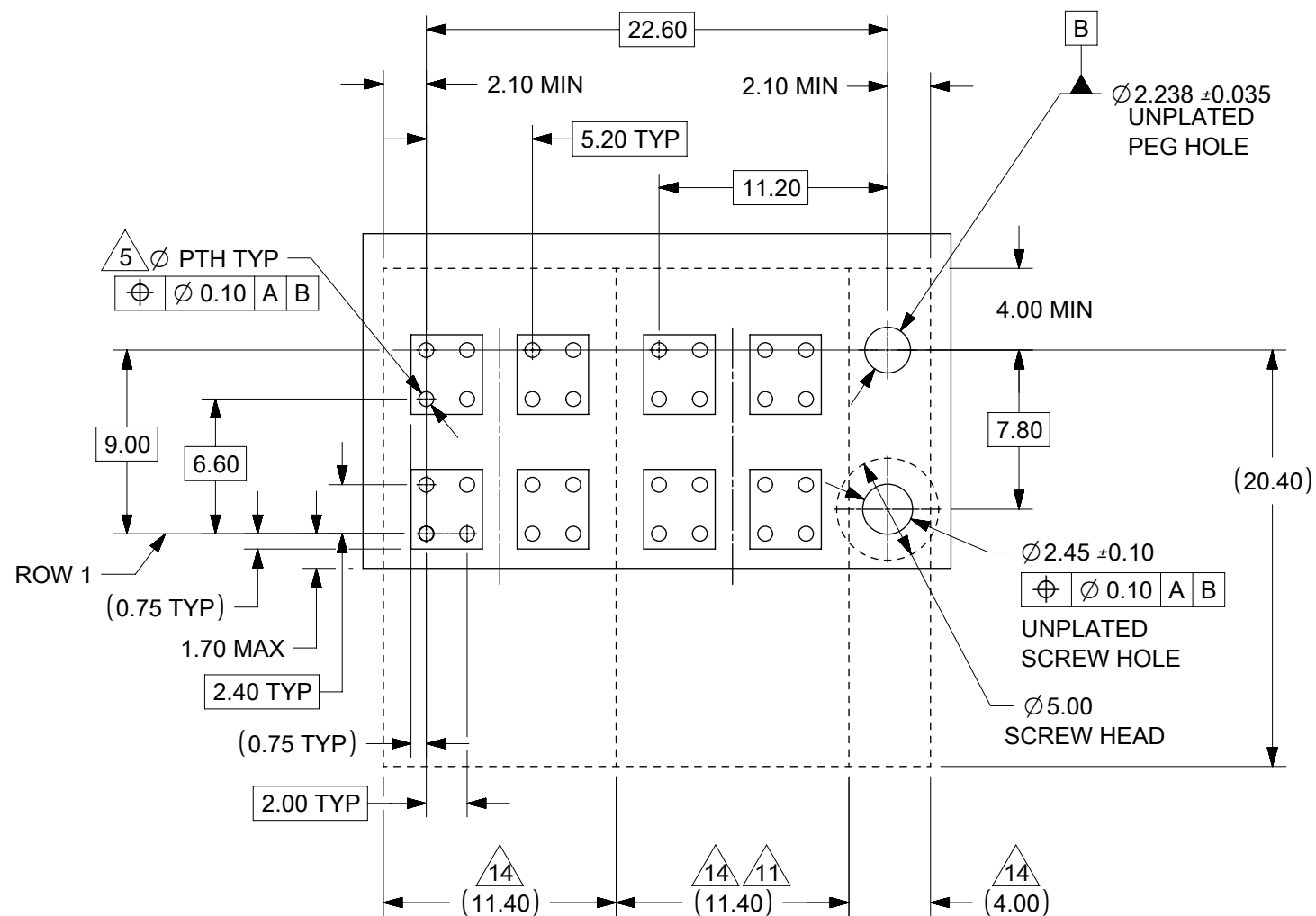
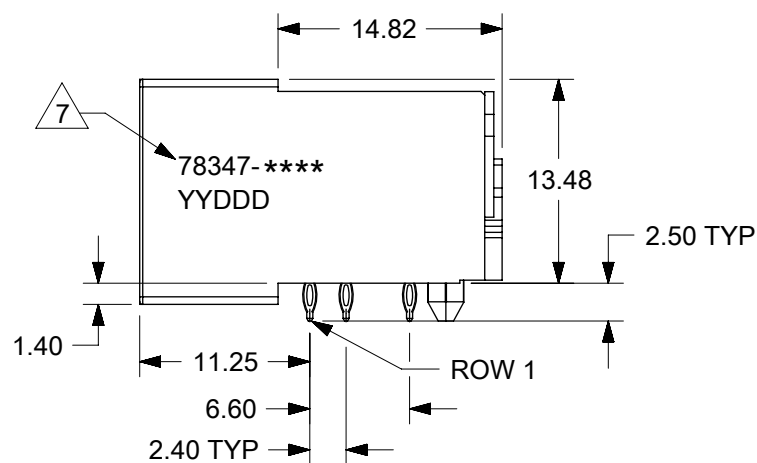
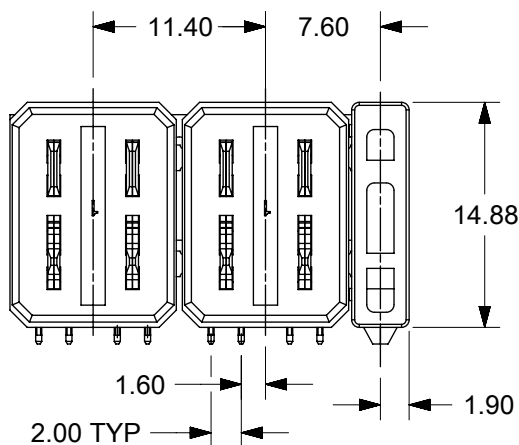
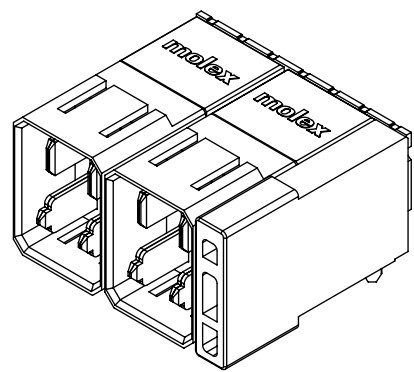
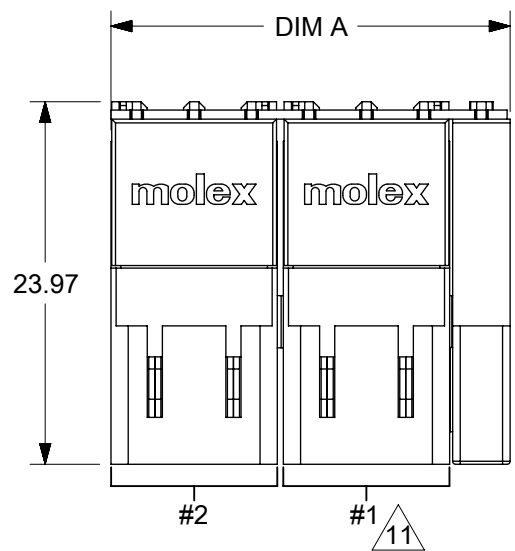
LEFT HOLD DOWN OPTION

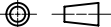


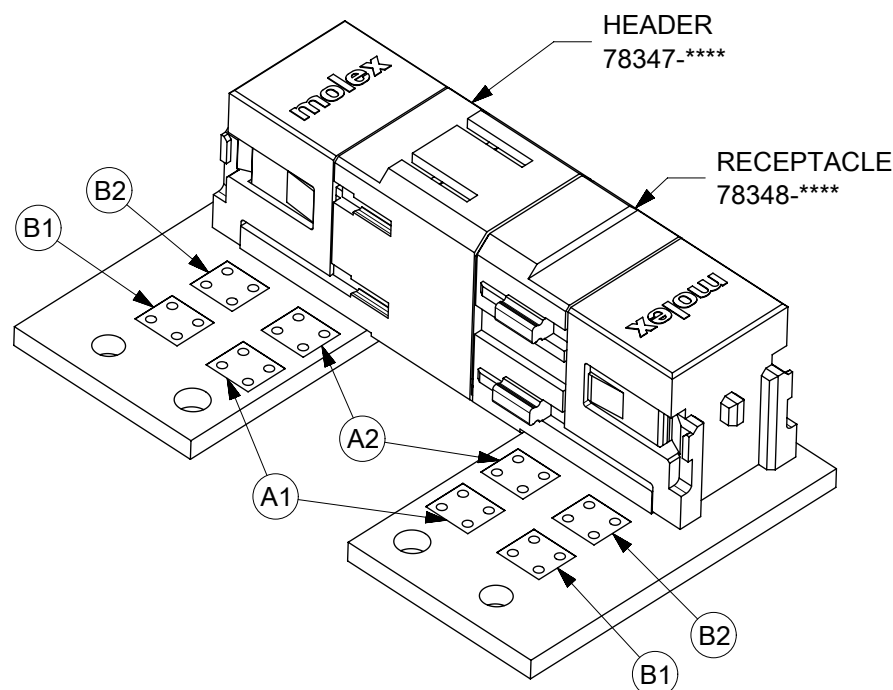
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 612508 DRWN: PSHANKARACHA 2019/01/17 CHK'D: ABN 2019/03/12 APPR: CWANG25 2019/03/13				IMPACT POWER, 3 PAIR R/A HEADER W/HOLD DOWN PRESS-FIT					
ANGULAR TOL ± 3.0°													
4 PLACES		±											
3 PLACES		±		INITIAL REVISION: DRWN: LNG 2010/08/11 APPR: SHONG 2011/02/08				PRODUCT CUSTOMER DRAWING					
2 PLACES		± 0.25											
1 PLACE		±											
0 PLACES		±		DOCUMENT NUMBER SD-78347-001				DOC TYPE PSD		DOC PART 001		REVISION B8	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		78347		SEE TABLE		GENERAL MARKET		2 OF 5	

DOCUMENT STATUS	P1	RELEASE DATE	2019/03/13	10:32:46
-----------------	----	--------------	------------	----------

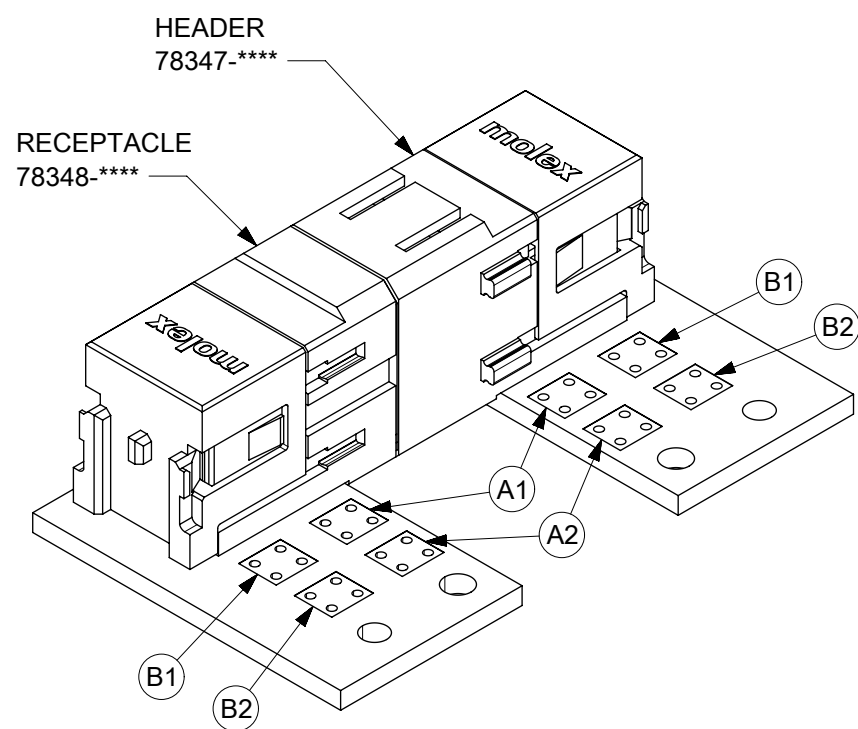
RIGHT HOLD DOWN OPTION



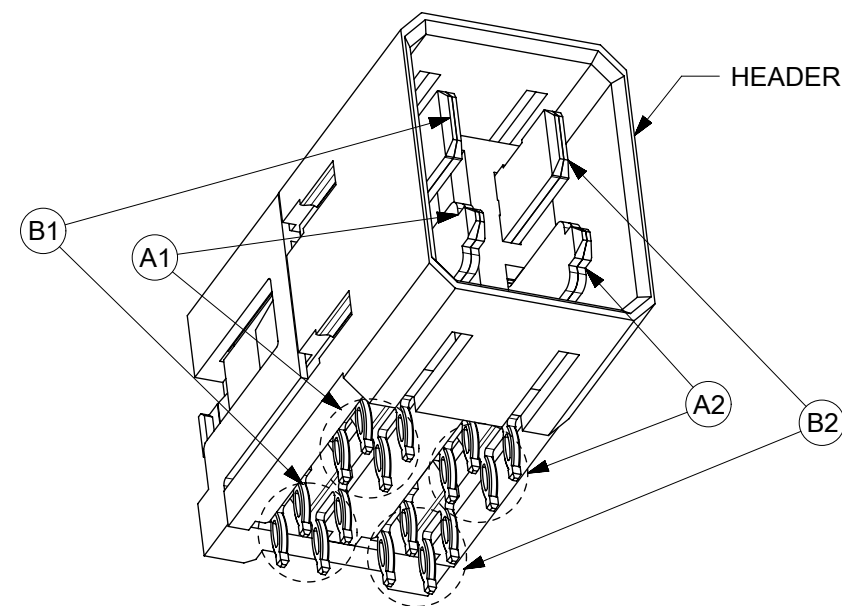
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				IMPACT POWER, 3 PAIR R/A HEADER W/HOLD DOWN PRESS-FIT									
ANGULAR TOL ± 3.0 °													
4 PLACES		±											
3 PLACES		±											
2 PLACES		± 0.25											
1 PLACE ±				PRODUCT CUSTOMER DRAWING									
0 PLACES ±													
INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION				
DRWN: LNG 2010/08/11				SD-78347-001		PSD		001	B8				
APPR: SHONG 2011/02/08													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		78347		SEE TABLE		GENERAL MARKET		3 OF 5	



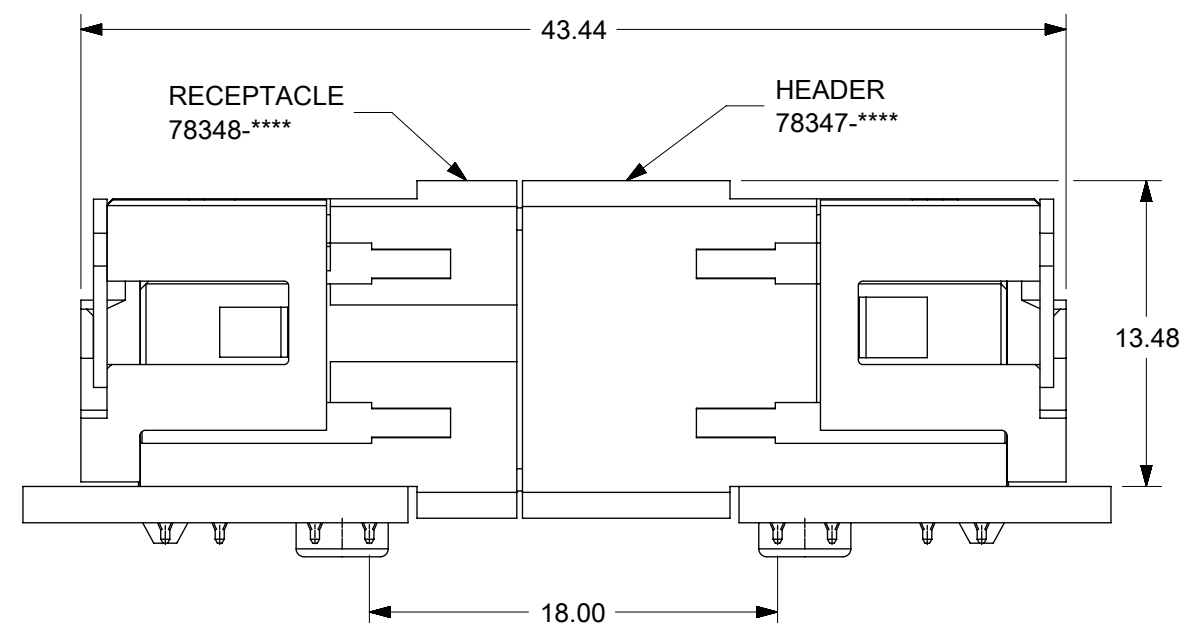
LEFT HOLD DOWN:
1 POWER MODULE AND HOLD DOWN REMOVED TO
ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM



RIGHT HOLD DOWN:
1 POWER MODULE AND HOLD DOWN REMOVED TO
ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM

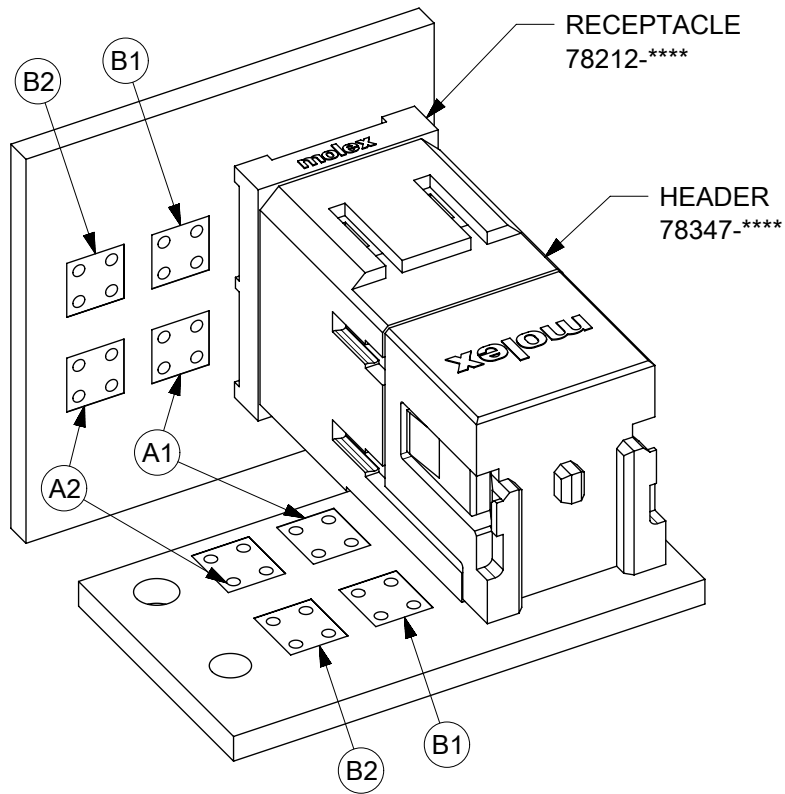


PIN NUMBER ASSIGNMENT BASED ON HEADER SIDE:
A1, B1 ON THE LEFT,
A2, B2 ON THE RIGHT.

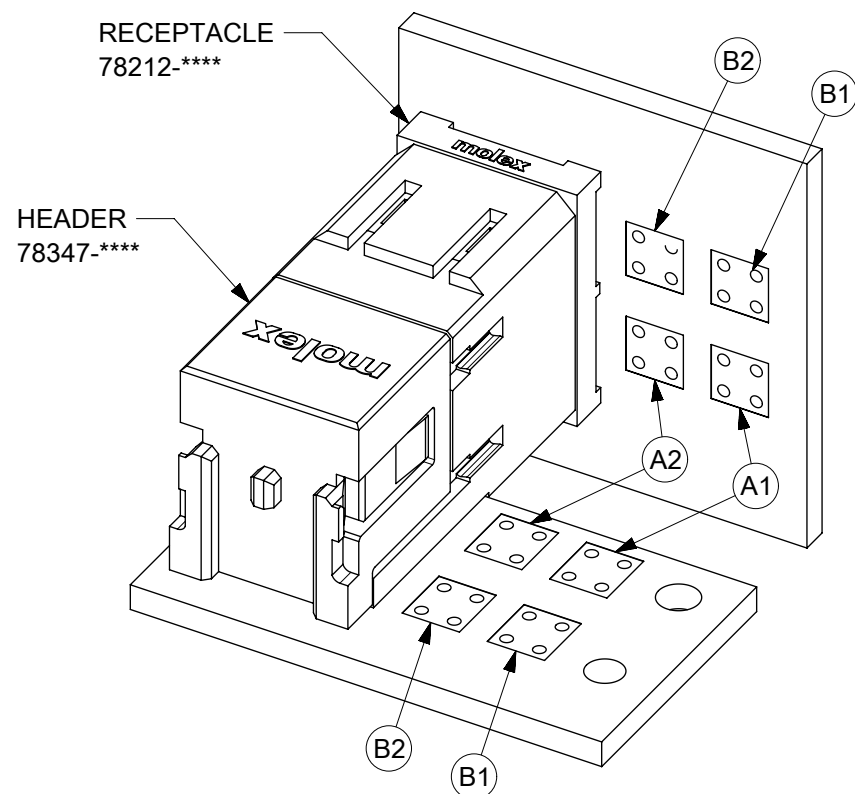


MATED SYSTEM OF 78347 & 78348

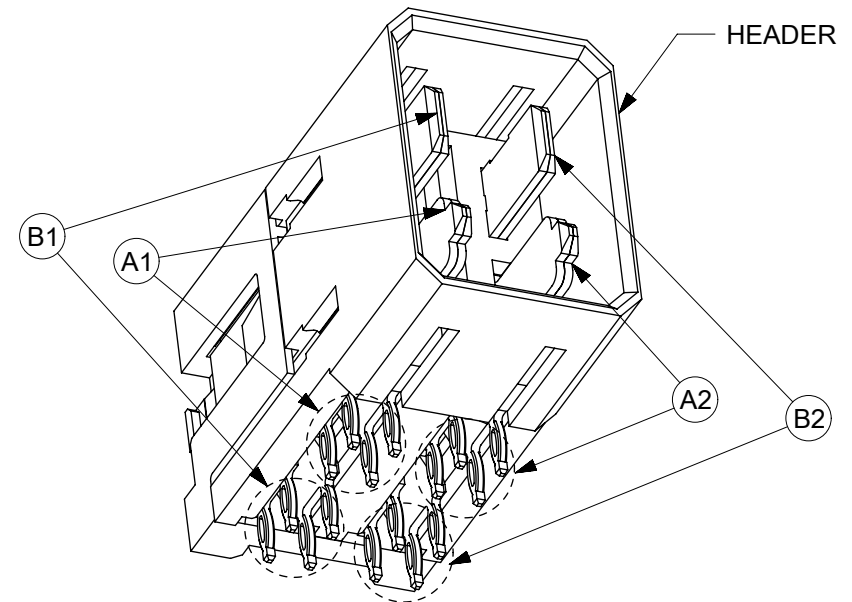
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex	
mm		NTS						IMPACT POWER, 3 PAIR R/A HEADER W/HOLD DOWN PRESS-FIT	
GENERAL TOLERANCES (UNLESS SPECIFIED)								PRODUCT CUSTOMER DRAWING	
ANGULAR TOL		± 3.0 °		EC NO: 612508				DOCUMENT NUMBER	
4 PLACES		±		DRWN: PSHANKARACHA 2019/01/17				SD-78347-001	
3 PLACES		±		CHK'D: ABN 2019/03/12				DOC TYPE	
2 PLACES		± 0.25		APPR: CWANG25 2019/03/13				PSD	
1 PLACE		±		INITIAL REVISION:				DOC PART	
0 PLACES		±		DRWN: LNG 2010/08/11				001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		REVISION	
				A3-SIZE		78347		B8	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE TABLE		GENERAL MARKET		4 OF 5	



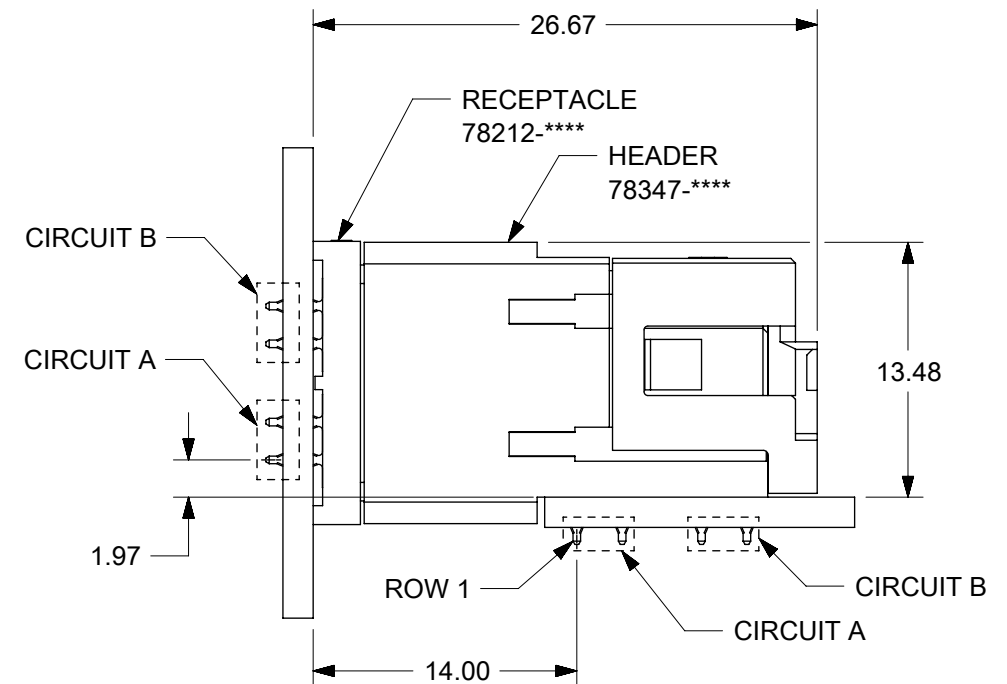
RIGHT HOLD DOWN:
1 POWER MODULE AND HOLD DOWN REMOVED TO
ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM



LEFT HOLD DOWN:
1 POWER MODULE AND HOLD DOWN REMOVED TO
ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM



PIN NUMBER ASSIGNMENT BASED ON HEADER SIDE:
A1, B1 ON THE LEFT,
A2, B2 ON THE RIGHT.



MATED SYSTEM OF 78347 & 78212

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				IMPACT POWER, 3 PAIR R/A HEADER W/HOLD DOWN PRESS-FIT									
ANGULAR TOL ± 3.0°													
4 PLACES		±		EC NO: 612508				PRODUCT CUSTOMER DRAWING					
3 PLACES		±		DRWN: PSHANKARACHA 2019/01/17 CHK'D: ABN 2019/03/12									
2 PLACES		± 0.25		APPR: CWANG25 2019/03/13									
INITIAL REVISION:				DOCUMENT NUMBER SD-78347-001									
1 PLACE		±								DOC TYPE PSD			
0 PLACES		±								DOC PART 001			
DRWN: LNG 2010/08/11				REVISION B8				SHEET NUMBER 5 OF 5					
APPR: SHONG 2011/02/08													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 78347					
						MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET					